

DETAILED ACTION

1. The amendment filed on 11/09/2009 is entered and acknowledged by the examiner. Claims 1, 3-12, and 20-24 are currently pending in the instant application. Claims 2 and 13-19 have been canceled without prejudice or disclaimer.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

2A. At page 1, line 1, of the Specification insert the heading **--Background Of The Invention--**.

2B. At page 2, line 27, of the Specification insert the heading **--Brief Summary Of The Invention--**.

2C. At Page 3, line 3, of the Specification insert as follows:

--Brief Description Of The Drawings

Fig. 1 shows the X-ray diffraction spectrum (XRD) of a fluorine-doped tin oxide-coated substrate where the tin oxide contains a high content of electron donors.

Fig. 2 shows the XRD spectrum of a film with a low content of electron donors.

Fig. 3 shows the XRD spectrum of a double-layer coating as described in this patent.--.

2D. At page 3, line 11, of the Specification inserts the heading **--Brief Summary Of The Invention--**.

Withdrawn

3. The objection of claims 5, 6, and 10 due to minor informality is withdrawn in view of the above amendment.

4. The rejection of claims 1, 3-12, and 20-24 under 35 U.S.C. 112, first paragraph, is withdrawn in view of applicant's remark filed on 11/09/2009.

5. It should be noted that at page 2 lines 20-27, the examiner construes the phase "next film" as a second film and the phase "this film" as a first film. Based on this rational, the remark is persuasive and the rejection is withdrawn. *See page 2 lines 20-27 of the Specification below.*

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20 Although the (200) orientation and (110) orientation are dominant in
a normal process control – as described in the aforementioned Japanese
patent specification – it has surprisingly been found that, under specific
process conditions, such as for instance an elevated content of electron
donors, the (211) orientation becomes dominant. It has further surprisingly
25 been found that a next film which is then applied to this film 'inherits' this
dominant orientation, even if the film would normally not yield a dominant
(211) orientation.

Examiner's Statement of Reason for Allowance

6. Claims 1, 3-12, and 20-24 are allowed over the prior art of record.

7. The following is an examiner's statement of reasons for allowance: The claims, filed on 11/09/2009 have been carefully reviewed and searched. The best new prior arts Hirata et al. (JP 62-211966) teach a method of forming film a transparent conductive film alpha and a transparent conductive film alpha compose of a dual layered structure comprising of a transparent conductive film mainly composed of a tin oxide containing fluorine (i.e. electron donor) and another transparent conductive film mainly composed of another tin oxide not containing fluorine (i.e. another electron donor) wherein the overall thickness of the conductive film alpha is 0.6 to about 1 micron (See Abstract). Hirata et al. alone or in combination

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failed to teach or suggest the outer most transparent conductive film (i.e. the second film) comprises relatively at least 10 % less fluorine or non-fluorinated compound (i.e. electron donor) than the inner most transparent conductive film (i.e. the first film) as required by the instant claims. Furthermore, Hirata et al. alone or in combination failed to teach or suggest the transparent conductive films both having a (211) dominant orientation as required by the instant claims. Therefore, claims 1, 3-12, and 20-24 are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHANH T. NGUYEN whose telephone number is (571) 272-8082. The examiner can normally be reached on Monday-Friday 7:00-4:00 EST PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Randy Gulakowski can be reached on (571) 272-1302. The fax phone number for the

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organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Mark Kopec/
Primary Examiner, Art Unit
1796

/Khanh Tuan Nguyen/
Examiner
01/04/2010